

TITLE 33

ENVIRONMENTAL QUALITY

PART IX. WATER QUALITY REGULATIONS

Chapter 11. Surface Water Quality Standards

§1113. Criteria

* * *

[See Prior Text in A – C.6.e]

f. The use of clean or ultra-clean techniques may be required to definitively assess ambient levels of some pollutants (e.g., EPA method 1669 for metals) or to assess such pollutants when numeric or narrative water quality standards are not being attained. Clean and ultra-clean techniques are defined in LAC 33:IX.1105.

TABLE 1 NUMERICAL CRITERIA FOR SPECIFIC TOXIC SUBSTANCES (In micrograms per liter (µg/L) or parts per billion (ppb) unless designated otherwise)						
Toxic Substance	Aquatic Life Protection				Human Health Protection	
	Freshwater		Marine Water		Drinking Water Supply ¹	Non-Drinking Water Supply ²
	Acute	Chronic	Acute	Chronic		
Pesticides and PCB's						
* * *						
[See Prior Text in Aldrin – Hexachlorobutadiene ⁶]						
Other Organics						
2,3,7 8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) ⁹	--	--	--	--	0.71 ppq ⁸²	0.72 ppq
Metals and Inorganics						
* * *						
[See Prior Text in Arsenic - Cyanide]						

* * *

[See Prior Text in Note 1 – Table 1-A. Conversion Factors for Dissolved Metals^a. Note d]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 10:745 (October 1984), amended LR 15:738 (September 1989), LR 17:264 (March 1991), LR 17:967 (October 1991), repromulgated LR 17:1083 (November 1991), amended LR 20:883 (August 1994), LR 24:688 (April 1998), amended by the Office of Environmental Assessment,

FINAL RULE/March 20, 2001**WP036**

Environmental Planning Division, LR 25:2401 (December 1999), LR 26:2547 (November 2000), LR 27:** (March 2001)

§1123. Numerical Criteria and Designated Uses

* * *

[See Prior Text in A - C.2]

3. Designated Uses. The following are the category definitions of Designated Uses that are used in Table 3 under the subheading "DESIGNATED USES."

- A – Primary Contact Recreation
- B – Secondary Contact Recreation
- C – Propagation of Fish and Wildlife
- L – Limited Aquatic Life and Wildlife Use
- D – Drinking Water Supply
- E – Oyster Propagation
- F – Agriculture
- G – Outstanding Natural Resource Waters

Numbers in brackets (e.g. [1]) – refer to endnotes listed at the end of the table.

Table 3. Numerical Criteria and Designated Uses									
Code	Stream Description	Designated Uses	Criteria						
			CL	SO ₄	DO	pH	BAC	°C	TDS
	ATCHAFALAYA RIVER BASIN (01)								
<p style="text-align: center;">* * *</p> <p style="text-align: center;">[See Prior Text in 010101 – 041808]</p>									
041809	<u>Poydras-Verret Marsh Wetland- forested and marsh wetland located 1.5 miles north of St. Bernard, Louisiana in St. Bernard Parish – south of Violet Canal, and northeast of Forty Arpent Canal</u>	<u>B C</u>	[17]	[17]	[17]	[17]	<u>2</u>	[17]	[17]
<p style="text-align: center;">* * *</p> <p style="text-align: center;">[See Prior Text in 041901 – 120207]</p>									
120208	<u>Bayou Ramos Swamp Wetland – forested wetland located 1.25 miles north of Amelia, Louisiana in St. Mary Parish – south of Lake Palourde</u>	<u>B C</u>	[18]	[18]	[18]	[18]	<u>2</u>	[18]	[18]
<p style="text-align: center;">* * *</p> <p style="text-align: center;">[See Prior Text in 120301 – 120806]</p>									

ENDNOTES:

* * *

[See Prior Text in [1] – [16]]

[17] Designated Naturally Dystrophic Waters Segment. The following criteria are applicable:

- (a) No more than 50% reduction in the wetlands faunal assemblage (total abundance, total abundance of dominant species, or the species richness of fish and macroinvertebrates, minimum of five replicate samples per site; $p = 0.05$.
- (b) No more than 20% reduction in the total above-ground wetland productivity as measured by tree, shrub, and/or marsh grass productivity.

[18] Designated Naturally Dystrophic Waters Segment. The following criteria are applicable:

- (a) No more than 20% decrease in naturally occurring litter fall or stem growth;
- (b) No significant decrease in the dominance index or stem density of bald cypress;
- (c) No significant decrease in faunal species diversity and no more than a 20% decrease in abundance.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30: 2074 (B) (1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 15:738 (September 1989), amended LR 17:264 (March 1991), LR 20:431 (April 1994), LR 20:883 (August 1994), LR 21:683 (July 1995), LR 22:1123 (November 1996), LR 24:1926 (October 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2401 (December 1999), LR 27:** (March 2001)